ADVANCED RESEARCH PROJECTS AGENCY – ENERGY (ARPA-E)
COMPANY INFORMATION

Attention Potential Partner Company:

As part of the DOE's stimulus funding scope, the Advanced Research Projects Agency-Energy has released a Funding Opportunity Announcement (FOA) for projects that have the potential to create technology breakthroughs in how energy is produced, transmitted, used, and stored. Los Alamos National Laboratory (LANL) has been given guidance on how we are able to participate and what the timing will be for responding to the FOA. If your company is interested in this FOA, and would like to discuss a potential collaboration with LANL regarding one or more proposals, there are a few important pieces of information that you should be aware of.

IMPORTANT DEADLINES

Please note: there is a very short lead-time associated with this FOA. Concept papers may be submitted between May 12 and June 2, 2009, as follows:

Concept paper submission opening date: 5/12/09 at 8:00 AM EDT

Concept paper submission closing date: 6/2/09 at 8:00 PM EDT

Expected latest date to request full proposals: 7/13/09

PARTICIPATION GUIDELINES

Pursuant to the FOA, national laboratories may only participate as part of a team and may not lead the team. If your company is interested in partnering with LANL to submit a proposal, your company may submit a preliminary letter of interest to determine if there is a suitable match between your company's proposed work scope and LANL's existing technologies, capabilities, and programmatic interests.

Please include the following items in your letter of interest:

1) Company name;
2) Company contact;
3) Brief description of the proposed project; and
4) Your company's ability to meet ARPA-E cost-share requirements (see details below).

If there is a suitable fit, and LANL technical staff are available to participate in the proposed project, your company will need to lead the proposal, including its submission, with LANL staff providing technical input and budget information.

NON-U.S. COMPANIES

There is an emphasis in the FOA on demonstrating U.S. benefit. Please review Section III - ELIGIBILITY INFORMATION A. Eligible Applications for details on requirements for "US Entities."

If your company is interested in this exciting opportunity and would like to discuss the details further, please contact one of the individuals listed below:

Laura Barber	**Email:** ljbb@lanl.gov	**Tel:** (505) 667-9266
David Pesiri	**Email:** pesiri@lanl.gov	**Tel:** (505) 665-7279

Thank you for your interest in exploring a potential collaboration with LANL.

ADDITIONAL ARPA-E FOA DETAILS

To be eligible for the ARPA-E solicitation:

- Proposals must be led by a partner company or university. LANL can participate only as a member of a team and provide no more than 50% of the total effort, as measured by total project cost.
- Applicants must be able to share a minimum of 20% of the cost of the project and perhaps as much as 50% depending upon the project scope.
- Projects must be completed within 24 months (preferred) to 36 months of the start date. Total project cost must be between $500,000 and $5 million.
- The scope of work performed by LANL (as measured by total project cost) cannot be greater than the scope of work performed by the Applicant, or in the case of a team project, by the rest of the team.
- Projects must support the ARPA-E mission of

  1) Enhancing U.S. economic and energy security through development of energy technologies that
     i. Reduce greenhouse gas emissions
     ii. Reduce dependence on foreign sources of energy
     iii. Improve energy efficiency
  2) Ensuring the U.S. maintains technological lead in developing and deploying energy technology.

Projects can address early- or late-stage technology as defined below. Generally, technology between Technology Readiness Levels 2 (Concept and application formulated, but application is speculative and there is no proof or detailed analysis) and TRL-7 (Prototype demonstrated in an operating environment) would be appropriate.

Early-stage: Take discovery/invention and determine through applied research (1) if it can be made sufficiently robust for real-world application; and (2) if its real-world performance is sufficient to eventually transition to industry use.

Late-stage: Reduce tech risk low enough for industry to invest in development and deployment.

The FOA is published on the ARPA-E website at http://arpa-e.energy.gov/keydocs/ARPA-E-FOA.pdf.

For additional information about ARPA-E, please visit http://arpa-e.energy.gov/index.html.